

(DN) Write anything that comes to mind when you hear or see the word **transform**.

Name _____ Per _____

SLO: I can describe what a rigid transformation is and can recognize, name, and sketch the 3 types of rigid transformations.

(1) **Notes:**

step a
pages,
scissors
cup

- (a) Obtain notes pages N7/N8 and N9/N10, a descriptions page for N7 and N9, scissors, and tape or glue
- (b) Cut, arrange, check, and then glue or tape down the descriptions for N7
- (c) Cut, arrange, check, and then glue or tape down the descriptions for N7

(2) **Rigid Transformations Sort**

- (a) Obtain a set of figures for you and your partner/group.
- (b) Sort the figures into groups of Reflections, Rotations, Translations, and Not a Rigid Motion
- (c) Be prepared to share your arrangement with the class

(3) **Exit Ticket**

- (a) Copy and complete the statement: *A rigid motion is* _____
- (b) List and sketch or describe the three rigid motions.

(4) **Homework**

- (1) Describe each image of the bicycle below as a reflection, rotation, translation, or not a rigid motion:



(a) _____



(a) _____



(a) _____



(a) _____



- (2) Given the $\triangle ABC$, sketch a reflection $A'B'C'$, rotation $A''B''C''$, and translation $A'''B'''C'''$. (You may want to trace $\triangle ABC$ to help you.)

